

Proposal to Establish an Endowed Chair  
in Wildlife Biology

1. Originating Unit: Department of Forestry and Resource Management  
145 Mulford Hall  
UC Berkeley Campus

2. Name of Chair: A.S. Leopold Chair in Wildlife Biology

3. Status of Endowment

Gifts of stock from Mr. William R. Hewlett, Mr. and Mrs. David Packard, and Mr. M.M. Doyle, sold for cash in the amount of \$313,357.17. Also cash gifts from Mr. and Mrs. R.E. Guggenlime, M. Doyle, O. Miller and R. Brown in the amount of \$7,500, for a total endowment as of 2/23/84 in the amount of \$320,857.17.

4. Donors and Background:

Funds credited to the Development Office pending fund U-2030. The principal donors, Mr. Hewlett and Mr. Packard, were friends and hunting associates of Professor A.S. Leopold, in whose name the Chair is to be established. Their intent in endowing the Chair is to assure a continuation of Professor Leopold's work and philosophy in the wildlife biology field. The other donors, colleagues and friends of Leopold, also wish to honor and continue his work (See Section 6 below).

5. Department's Program in Wildlife Biology

Professor A.S. Leopold joined the School of Forestry and Conservation (now the Department of Forestry and Resource Management) in 1967, when he moved his teaching and research activities, including the Sagehen Creek Fisheries Wildlife Research Station, from the Department of Zoology to the School. From then until his death in August, 1983, he was instrumental in organizing and staffing a program of teaching and research in wildlife biology and management in the Department. The focus of these efforts, as in the case of the Department's programs in forestry and range management, was on the ecology, conservation, and management of wildlife resources.

As of January, 1984, the Department has four full-time faculty working in the field of wildlife biology, including one fresh water fisheries ecologist, two animal biologists, and one ecologist working on wildland birds. Together they represent the range of both Leopold's and the Department's interest in wildlife biology as it pertains to the interaction between wildlife resources and the management of forests and associated rangelands. They offer nine courses in wildlife biology at the undergraduate and graduate levels, and conduct research under the aegis of the Agricultural Experiment Station. A wildlife management option is offered in the undergraduate major in Forestry. At the graduate level, there are approximately 20-25 students with wildlife emphasis enrolled in the M.S. and Ph.D. programs in Wildland Resource Science. Thus the Department is in an excellent position to make effective use of an endowed chair in Professor Leopold's honor in this field, as the donors intended. It is a fitting memorial to his long-time efforts to develop wildlife biology and management as a field for University level instruction and research.

## 6. Scope of the Chair

This Chair is established to honor Professor A. Starker Leopold's life and work in the study and conservation of wildlife resources. Definition of the field represented by the Chair is based upon Professor Leopold's views and philosophy about wild animals and their environments, and the appropriate relationship of human societies to these resources. Throughout his life and career, Professor Leopold treated wildlife biology and wildlife management as his central themes; the title of his position, that of other positions in the wildlife-fisheries group, and the courses he taught in the wildlife area reflect that view.

Professor Leopold's view of wildlife resources was based on knowledge from scientific study of the natural history and ecology of the animals and plants in their natural environment. Thus, a holder of the Chair would be expected to study species ranges and distributions, life histories, food habits, population dynamics including exploitation and yield, social behavior, habitat requirements, natural community relationships, and the influence of human activities on wildlife. Greatest emphasis is to be placed on field studies, including experimental studies of the responses of wildlife populations to direct and indirect human manipulation. Ancillary laboratory studies would be appropriate if directed towards understanding of the organisms in nature. Major, but not exclusive, emphasis would be placed on game species of birds and mammals, and fishes of small mountain streams.

Much of Professor Leopold's work involved policy, but policy specifically directed towards sound biological management of wildlife and fish resources in relationship to sound biological principles. Professor Leopold was himself an avid sport hunter and fisherman. Thus the Chair is defined as involving those policy issues where the biological needs of wildlife resources interact with legal and regulatory practices of agencies. The understanding of policy formulation appropriate to the Chair would exclude general theory of policy or environmental issues in the broad context, but would include philosophical issues of the appropriate relationships of human individuals, institutions, and whole societies to wildlife.

## 7. Contact Person:

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## 8. Date Submitted: \_\_\_\_\_